

| L<br>Number | Hits    | Search Text   | DB                       | Time stamp       |
|-------------|---------|---|--------------------------|------------------|
| 1           | 859     | (MAC or message adj2 authentication adj2 code) and (713/\$.ccls. or 380/\$.ccls.)   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:10 |
| 2           | 20912   | MAC or message adj2 authentication adj2 code  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:10 |
| 3           | 988     | extension adj3 code   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:10 |
| 4           | 70329   | data near3 manag\$6   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:11 |
| 5           | 11468   | 705/\$.ccls.  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:11 |
| 6           | 338     | 705/\$.ccls. and (MAC or message adj2 authentication adj2 code)   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:11 |
| 7           | 1506641 | secret near2 code or key or password or PIN   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:12 |
| 8           | 6300    | (MAC or message adj2 authentication adj2 code) and (secret near2 code or key or password or PIN)  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:12 |
| 9           | 1294    | ((MAC or message adj2 authentication adj2 code) and (secret near2 code or key or password or PIN)) and tag  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:13 |
| 10          | 9385    | (mesage or file or application or data) near4 authenticat\$4  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:13 |
| 11          | 17030   | certificate or x.509  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:14 |
| 12          | 1161    | ((mesage or file or application or data) near4 authenticat\$4) and (certificate or x.509)   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:14 |
| 13          | 209     | MAC and (((mesage or file or application or data) near4 authenticat\$4) and (certificate or x.509))   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:20 |
| 14          | 3061    | 713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:21 |
| 15          | 747     | 380/277.ccls. or 705/50-51.ccls.  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:21 |
| 16          | 3574    | (713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)  | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:21 |
| 17          | 761     | ((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and (certificate or x.509)   | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:22 |
| 18          | 865     | ((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and ((mesage or file or application or data) near4 authenticat\$4) | USPAT; EPO; JPO; DERWENT | 2004/08/11 13:22 |

|    |       |   |                          |                     |
|----|-------|---|--------------------------|---------------------|
| 19 | 157   | ((713/156.cccls. or 713/160.cccls. or 713/165.cccls. or 713/167-170.cccls. or 713/176.cccls. or 713/181.cccls. or 713/189.cccls. or 713/200.cccls.) or (380/277.cccls. or 705/50-51.cccls.)) and ((mesage or file or application or data) near4 authenticat\$4)) and (MAC or message adj2 authentication adj2 code) | USPAT; EPO; JPO; DERWENT | 2004/08/11<br>13:22 |
| 20 | 321   | ((713/156.cccls. or 713/160.cccls. or 713/165.cccls. or 713/167-170.cccls. or 713/176.cccls. or 713/181.cccls. or 713/189.cccls. or 713/200.cccls.) or (380/277.cccls. or 705/50-51.cccls.)) and (MAC or message adj2 authentication adj2 code)   | USPAT; EPO; JPO; DERWENT | 2004/08/11<br>13:22 |
| 21 | 865   | ((713/156.cccls. or 713/160.cccls. or 713/165.cccls. or 713/167-170.cccls. or 713/176.cccls. or 713/181.cccls. or 713/189.cccls. or 713/200.cccls.) or (380/277.cccls. or 705/50-51.cccls.)) and ((mesage or file or application or data) near4 authenticat\$4)   | USPAT; EPO; JPO; DERWENT | 2004/08/11<br>13:22 |
| -  | 14054 | MAC or message adj2 authentication adj2 code  | USPAT                    | 2004/08/11<br>13:10 |
| -  | 17702 | 713/\$.cccls. or 380/\$.cccls.  | USPAT                    | 2004/08/11<br>09:24 |
| -  | 18    | "111" and (713/\$.cccls. or 380/\$.cccls.)  | USPAT                    | 2004/08/11<br>09:25 |
| -  | 851   | (MAC or message adj2 authentication adj2 code) and (713/\$.cccls. or 380/\$.cccls.)   | USPAT                    | 2004/08/11<br>13:09 |
| -  | 2623  | ID adj2 code and key  | USPAT                    | 2004/08/11<br>09:25 |
| -  | 23    | ((MAC or message adj2 authentication adj2 code) and (713/\$.cccls. or 380/\$.cccls.)) and (ID adj2 code and key)  | USPAT                    | 2004/08/11<br>09:39 |
| -  | 5     | extension adj2 id near3 code  | USPAT                    | 2004/08/11<br>09:39 |
| -  | 0     | (extension adj2 id near3 code) and (MAC or message adj2 authentication adj2 code)   | USPAT                    | 2004/08/11<br>09:39 |
| -  | 698   | extension adj3 code   | USPAT                    | 2004/08/11<br>13:10 |
| -  | 44    | (extension adj3 code) and (MAC or message adj2 authentication adj2 code)  | USPAT                    | 2004/08/11<br>13:09 |

### Status: Path 1 of [Dialog Information Services via Modem]  
### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID dialog.com)  
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES  
PLEASE LOGON:  
\*\*\*\*\* HHHHHHHH SSSSSSSS?  
### Status: Signing onto Dialog  
\*\*\*\*\*  
ENTER PASSWORD:  
\*\*\*\*\* HHHHHHHH SSSSSSSS? \*\*\*\*\*  
Welcome to DIALOG  
### Status: Connected

Dialog level 04.11.00D

Last logoff: 29jul04 11:58:59  
Logon file405 11aug04 12:24:07  
\*\*\* ANNOUNCEMENT \*\*\*  
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--File 654 - US published applications from March 15, 2001 to the present are now online. Please see HELP NEWS 654 for details.

\*\*\*  
--File 581 - The 2003 annual reload of Population Demographics is complete. Please see Help News581 for details.

\*\*\*  
--Connect Time joins DialUnits as pricing options on Dialog.  
See HELP CONNECT for information.  
\*\*\*  
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--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

\*\*\*  
--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information  
\*\*\*

NEW FILES RELEASED  
\*\*\*BIOSIS Toxicology (File 157)  
\*\*\*IPA Toxicology (File 153)  
\*\*\*MetalBase (File 36)  
\*\*\*AeroBase (File 104)  
\*\*\*TRADEMARKSCAN-Czech Republic (File 680)  
\*\*\*TRADEMARKSCAN-Hungary (File 681)  
\*\*\*TRADEMARKSCAN-Poland (File 682)

\*\*\*  
UPDATING RESUMED

\*\*\*  
RELOADED  
\*\*\*Toxfile (File 156)  
\*\*\*Medline (Files 154-155)  
\*\*\*Population Demographics -(File 581)  
\*\*\*CLAIMS Citation (Files 220-222)

REMOVED

\*\*\*  
">>>> Enter BEGIN HOMEBASE for Dialog Announcements <<  
>>> of new databases, price changes, etc. <<  
\*\*\*\*

\* \* \* \*  
SYSTEM:HOME

Best Available Copy

Cost is in DialUnits  
Menu System II: D2 version 1.7.9 term=ASCII  
\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?b 2,6,8,34,434,35,62,65,77,99,144,94,233,238,266,98,239,275,621,674,636,256,278

```
>>>      77 does not exist
>>>      238 does not exist
>>>      278 does not exist
>>>3 of the specified files are not available
     11aug04 12:25:08 User264815 Session D60.1
     $0.00    0.167 DialUnits FileHomeBase
$0.00  Estimated cost FileHomeBase
$0.50  TELNET
$0.50  Estimated cost this search
$0.50  Estimated total session cost   0.167 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

File 2:INSPEC 1969-2004/Aug W1  
(c) 2004 Institution of Electrical Engineers

\*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 6:NTIS 1964-2004/Aug W2  
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2004/Aug W1  
(c) 2004 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Aug W1  
(c) 2004 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2004/May  
(c) 2004 ProQuest Info&Learning

File 62:SPIN(R) 1975-2004/Jun W2  
(c) 2004 American Institute of Physics

File 65:Inside Conferences 1993-2004/Aug W2  
(c) 2004 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
(c) 2004 The HW Wilson Co.

File 144:Pascal 1973-2004/Aug W1  
(c) 2004 INIST/CNRS

File 94:JICST-Eplus 1985-2004/Jul W3  
(c) 2004 Japan Science and Tech Corp(JST)

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.

File 266:FEDRIP 2004/Jun  
Comp & dist by NTIS, Intl Copyright All Rights Res

File 98:General Sci Abs/Full-Text 1984-2004/Jul

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File 239:Mathsci 1940-2004/Sep  
(c) 2004 American Mathematical Society  
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 11  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou. (R) 1985-2004/Aug 11  
(c) 2004 The Gale Group  
File 674:Computer News Fulltext 1989-2004/Jul W4  
(c) 2004 IDG Communications  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 11  
(c) 2004 The Gale Group  
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| Set        | Items   | Description                               |
|------------|---------|---|
| ?s message | (w)     | authenticat? (w) code? or MAC             |
|            | 319500  | MESSAGE                                   |
|            | 78665   | AUTHENTICAT?                              |
|            | 1280172 | CODE?                                     |
|            | 555     | MESSAGE (W) AUTHENTICAT? (W) CODE?        |
|            | 162325  | MAC                                       |
| S1         | 162583  | MESSAGE (W) AUTHENTICAT? (W) CODE? OR MAC |

?s tag? and code?  
S2 15867 TAG? AND CODE?  
?s key or secret or digital (w) signature?  
S3 1675182 KEY OR SECRET OR DIGITAL (W) SIGNATURE?

?s certificate or digital (w) certificate  
S4 55909 CERTIFICATE  
1887892 DIGITAL  
55909 CERTIFICATE  
4660 DIGITAL (W) CERTIFICATE  
S5 55909 CERTIFICATE OR DIGITAL (W) CERTIFICATE

?s (data? or file? or information) (2n) (verif? or authenticat?)

Processed 10 of 20 files ...

Processing

>>>File 621 processing for DATA? stopped at DATAWEBHOUSE

Completed processing all files

|          |   |
|----------|---|
| 9353175  | DATA?   |
| 1086391  | FILE?   |
| 7210408  | INFORMATION   |
| 762081   | VERIF?  |
| 78665    | AUTHENTICAT?  |
| S5 32082 | (DATA? OR FILE? OR INFORMATION) (2N) (VERIF? OR AUTHENTICAT?) |

?s s5 (s) s3  
S6 2792 S5 (S) S3

?s s6 and s1  
S7 66 S6 AND S1

?s s4 and s6  
S8 282 S4 AND S6

Best Available Copy